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Date and place of birth: 07/04/1948, Cremona, ITALY

Education High School: Liceo Classico 1966
M.D.: University of Parma 1974
Board in Hematology, University of Modena 1977

Current Italian Appointment Associate Professor of Oncology, University of Parma
Director of the Cardiac Stem Cell Center CISTAC, University of Parma
Expert Manager on Regenerative Medicine, University Hospital Parma
Coordinator School of Specialization in Oncology

Previous Appointments 1979-1985: Assistant Professor of Medicine, University of Parma,
December 1981 and January - July 1984: Research Assistant Professor, Department of Anatomy, New York Medical College
1984: Adjunct Assistant Professor of Histology, City College University of the NYU
1985-1996: Associate Professor of Medicine, University of Parma
1987: Research Assistant Professor, Department of Anatomy, NY Medical College,
1994, 1997, 2001-2007: Visiting Professor, Cardiovascular Research Institute, Department of Medicine, NY Medical College
Associate Professor of Oncology, University of Parma 1996-
Teaching positions: Head of the Course in Hematology-Oncology, Faculty of Medicine-University of Parma; Course in Regenerative Medicine, Faculty of Biotechnology-University of Parma: Coordinator of the Board in Oncology-University of Parma
Ongoing collaborative work: 1) P. Anversa, on the identification of human lung stem cells; 2) D.T. Scadden, Center for Regenerative Medicine, Massachusetts General Hospital, Boston, USA on bone marrow stem cell niches; 3) P. Madeddu, Experimental Cardiovascular Medicine, Bristol University, UK on diabetes as a stem cell disease
Referee: PRIN e FIRB scientific projects from Italian Ministry of University (MIUR)
Heart Research UK and Georgian National Science Foundation
Editorial Board PloSOne
Reviewer for: PloSOne, Biochemical Pharmacology, Stem Cell Translational Medicine
Recent Supported Research:
Co-Principal Investigator of the NIH Grant entitled: Cardiac Stem Cells and the Infarcted aging heart, 2004-2009 (Principal Investigator: Piero Anversa);
-Principal Investigator of PRIN MIUR project 2007AL2YNC entitled: Cardiotoxicity of anti-cancer therapy involves resident cardiac stem-progenitor cells. 2007-2009.
-Co-Principal investigator of the European Project N° 214539 FP7-NMP-2007: BIOSCENT BIOactive highly porous and injectable Scaffolds controlling stem cell recruitment, proliferation and differentiation and enabling angiogenesis for Cardiovascular ENgineered Tissues, 2008-2013
-Co-Principal Investigator of Regional Project on Regenerative Medicine, 2008-2012

Membership European Society of Cardiology
Council Basic Cardiovascular Science
American Heart Association
Italian Society of Cardiovascular Research

Statement of Interest: Translational Research in Regenerative Medicine, Identification of the role of adult somatic stem cells in several pathologic states including cardiovascular and lung diseases.

Scientific Publications

1. Delsignore R, Baroni MC, Rizzoli V, Quaini F, Mangoni L, Butturini U. The problem of infections in acute leukemias: origin, therapy and prevention by protective isolation Ateneo Parmense Acta Biomed 48:381-403, 1977
2. Rizzoli V, Sansoni P, Mangoni L, Quaini F, Pigoli G, Delsignore R, Baroni MC, Butturini U Erythropoietic stimulating activity of the liver in the neonatal life of the rat. Haematologica 63: 375-84, 1978
3. Delsignore R, Quaini F, Rizzoli V, Baroni MC, Zavaroni G, Butturini U Sézary syndrome with terminal evolution in acute myeloblastic leukemia G Clin Med 60:560-8, 1979
4. Orlic D, Quaini F, Konski AA, Wu JM 2'5' -Adenylate inhibition of erythropoietin-dependent colony formation Stem Cells 1: 261-272, 1981
5. Orlic D, Wu JM, Carmichael, Quaini F, Kobylack M, Gordon AS Increased erythropoiesis and 2'5' - A polymerase activity in the marrow and spleen of phenylhydrazine-injected rats Exp Hemat 10: 478-490, 1982
6. Orlic D, Kirk E, Quaini F Increased 2,5 -Adenylate synthetase activity in the spleens of balb/c mice during hypoxia-stimulated erythropoiesis Exp Hematol 13: 821-828, 1985
7. Borelli TJ, Konno S, Vuolo LL, Quaini F, Wu JM Induction of human HL-60 leukemic cell differentiation by immune interferon is accompanied by an increase in NADase activity and by a decrease in DNA-binding proteins Biochemistry International 11: 61-68, 1985
8. Orlic D, Kirk E, Quaini F, Babbott S The 2'5' Adenylate (2-5 A) system in erythropoiesis Blood Cells 10: 193-201, 1985
9. Silvestrini G, Ferraccioli GF, Quaini F, Palummeri E, Bonucci E Adult osteopetrosis: study of two brothers Appl Pathol 5: 184-192, 1987
10. Rigon G, Baratti M, Quaini F, Calzetti S Polycythemic chorea. Description of a clinical case Minerva Med 78:1325-9, 1987
11. Passeri M, Palummeri E, Baroni MC, Quaini F, Quintavalla A, Barbagallo M, Franchini D, Ugolotti D Isotope retention for assessment of bone turnover in involutional osteoporosis Clin Rheumatol Suppl 2:35-40, 1989
12. Orlic D, Gill R, Feldschuh R, Quaini F, Malice A, Sandoval C Molecular mechanism for the inhibitory action of interferon on hematopoiesis Ann NY Acad Sci 554: 36-49, 1989

13. Olivetti G, Lagrasta C, Quaini F, Ricci R, Moccia G, Capasso JM, Anversa P Capillary growth in anemia-induced ventricular wall remodeling in the rat heart Circ Res 65:1182-90, 1989
14. Barbagallo M, Quaini F, Baroni MC, Barbagallo CM, Boiardi L, Passeri G, Arlunno B, Delsignore R, Passeri M Histological evidence of increased turnover in bone from spontaneously hypertensive rats Cardioscience 2:15-7, 1991
15. Gelmini G, Quaini F, Mineo F, Moccia G, Ricci R, Lagrasta C, Delsignore R, Olivetti G Effects of hypochromic microcytic anemia induced by an iron-copper free diet on whole blood filterability and other hemorheological parameters in rats Cinical Hemorheology 11: 605-610, 1991
16. Quaini F, Manganelli P, Pileri S, Magnani G, Ferrari C, Delsignore R, Sabattini E, Olivetti G: Immunohistological characterization of lymph node in two cases of adult onset Still's disease J Rheumathol 18: 9-16, 1991
17. Roncella S, Francia Di Celle P, D'Amore SG, Casoli C, Cutrona G, Muzzolini C, Quaini F, Nicolo G, Foa R, Pistoia V Cellular and molecular characterization of two cases of Castleman's disease, plasma cell variant Leukemia and Lymphoma 5: 391-399, 1991
18. Olivetti G, Quaini F, Lagrasta C, Ricci R, Tiberti GL, Capasso JM, Anversa P Myocyte cellular hypertrophy and hyperplasia contribute to ventricular wall remodeling in anemia-induced myocardial dysfunction in rats Am J Pathol 141:1-8, 1992
19. Manganelli P, Ferraccioli G, Passalacqua R, Quaini F Polymyalgia rheumatica and malignant neoplasms. A report of 3 cases Recenti Prog Med 83:200-2, 1992
20. Olivetti G, Cigola E, Lagrasta C, Ricci R, Quaini F, Monopoli A, Ongini E Spirapril prevents left ventricular hypertrophy, decreases myocardial damage and promotes angiogenesis in spontaneously hypertensive rats J Cardiovasc Pharmacol 21: 362-370, 1993
21. Olivetti G, Quaini F, Lagrasta C, Ricci R, Tosini P, Capasso JM, Anversa P Effects of genetic hypertension and nutritional anaemia on ventricular remodelling and myocardial damage in rats Cadiovasc Res 27: 1316-25, 1993
22. Beltrami CA, Finato N, Rocco M, Feruglio GA, Puricelli C, Cigola E, Quaini F, Sonnenblick EH, Olivetti G, Anversa P Structural basis of end-stage failure in ischemic cardiomyopathy in humans Circulation 89:151-163, 1994
23. Olivetti G, Melissari M, Balbi T, Quaini F, Cigola E, Sonnenblick EH, Anversa P Myocyte cellular hypertrophy is responsible for ventricular remodelling in the hypertrophied heart of middle aged individuals in the absence of cardiac failure Cardiovasc Res 28: 1199-1208, 1994
24. Olivetti G, Melissari M, Balbi T, Quaini F, Sonnenblick EH, Anversa P Myocyte nuclear and possible cellular hyperplasia contribute to ventricular remodeling in the hypertrophic senescent heart in humans J Am Coll Cardiol 24: 140-149, 1994
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ventricular myocytes during postnatal development Lab Invest 72: 646-58, 1995
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29. Olivetti G, Quaini F, Lagrasta C, Cigola E, Ricci R, Maestri R, Anversa P Cellular basis of ventricular remodeling after myocardial infarction in rats Cardioscience 6:101-6, 1995
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31. Gemignani F, Marchesi G, Di Giovanni G, Salih S, Quaini F, Nobile-Orazio E Low-grade non-Hodgkin B-cell lymphoma presenting as sensory neuropathy Eur J Neurol 36:138-41, 1996
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experimental model of lipopolysaccharide-induced inflammation. J Mol Med. 89:151-60, 2011
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hematopoietic stem cell mobilization by altering niche function. Sci Transl Med. 2011 Oct 12;3(104):104ra101.
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